

Name _____

Measuring the Densities of Irregular Objects

Lab 2.3

1. Explain the procedure you would use to determine the density of the steel screw, copper cylinder, and nylon spacer.

2. Label your data table. Don't forget to include space for all of your measurements, calculations, and the density of the objects. Use the correct units of measure when labeling the columns.

Table 1: Comparing Different Objects

3. How do the densities of the objects compare with the density of water?

4. An object's ability to float or sink in water is affected by what 2 factors? (Think about all of the labs, demonstrations, and examples we have used to determine if an object will float or sink.)

5. Write 3 sentences describing what you have learned about density so far in this class. Be sure to include information about mass, volume, floating, and sinking. (You can use information you learned from notes as well as other labs about density.)